10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

CYR61 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21805c

Specification

CYR61 Blocking Peptide (Center) - Product Information

Primary Accession O00622

CYR61 Blocking Peptide (Center) - Additional Information

Gene ID 3491

Other Names
Protein CYR61, CCN family member 1, Cysteine-rich angiogenic inducer 61, Insulin-like growth factor-binding protein 10, IBP-10, IGF-binding protein 10, IGFBP-10, Protein GIG1, CYR61, CCN1, GIG1, IGFBP10

Target/Specificity
The synthetic peptide sequence is selected from aa 163-174 of HUMAN CYR61

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CYR61 Blocking Peptide (Center) - Protein Information

Name CCN1 (HGNC:2654)

Function
Promotes cell proliferation, chemotaxis, angiogenesis and cell adhesion. Appears to play a role in wound healing by up- regulating, in skin fibroblasts, the expression of a number of genes involved in angiogenesis, inflammation and matrix remodeling including VEGA-A, VEGA-C, MMP1, MMP3, TIMP1, uPA, PAI-1 and integrins alpha-3 and alpha-5. CCN1-mediated gene regulation is dependent on heparin-binding. Down-regulates the expression of alpha-1 and alpha-2 subunits of collagen type-1. Promotes cell adhesion and adhesive signaling through integrin alpha-6/beta-1, cell migration through integrin alpha-v/beta-5 and cell proliferation through integrin alpha-v/beta-3.

Cellular Location
Secreted.

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CYR61 Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CYR61 Blocking Peptide (Center) - Images

CYR61 Blocking Peptide (Center) - Background

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CYR61 Blocking Peptide (Center) - References

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Martinerie C.,et al.Mol. Pathol. 50:310-316(1997).
Albrecht C.,et al.J. Biol. Chem. 275:28929-28936(2000).
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